

**CMS** *Private work*

pp 301 pb<sup>-1</sup> (5.02 TeV)

$SF_b$

anti- $k_T$ ,  $R = 0.4$  jets

$80 < p_T^{\text{jet, reco}} < 140$  GeV/c,  $|\eta^{\text{jet}}| < 2$

Soft drop (charged particles)

$z_{\text{cut}} = 0.1$ ,  $\beta = 0$ ,  $k_T > 1$  GeV/c

✱ Nominal

— Muon jets

— GSP +50%

— GSP -50%

